

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

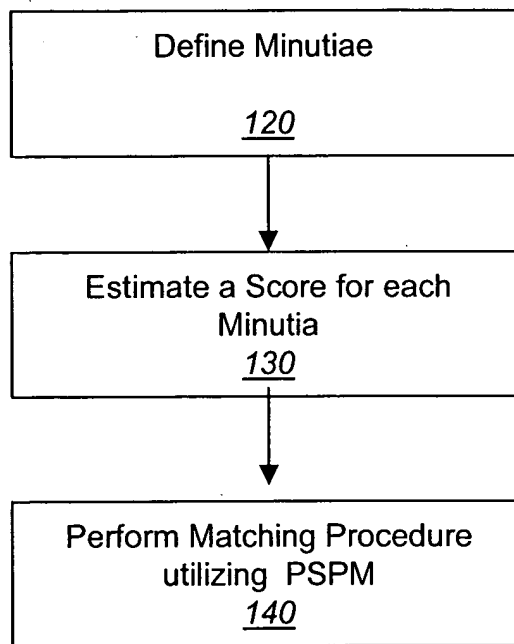
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

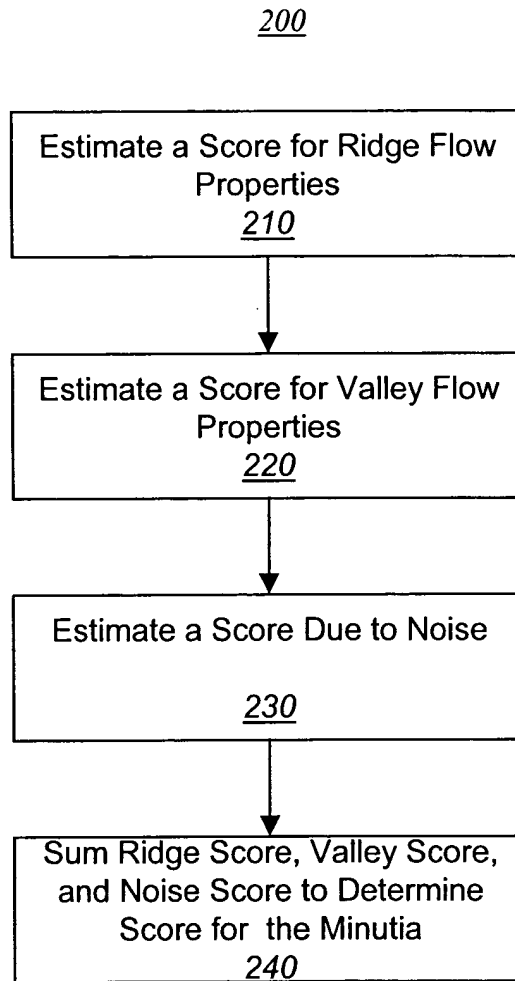
**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Problem Image Mailbox.**

110



**Figure 1**



**Figure 2**

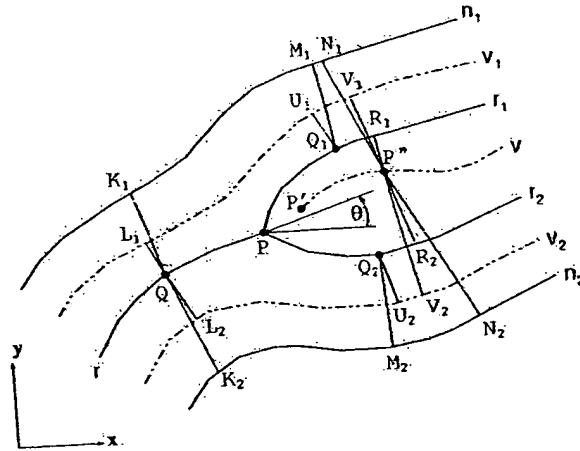


Figure 3

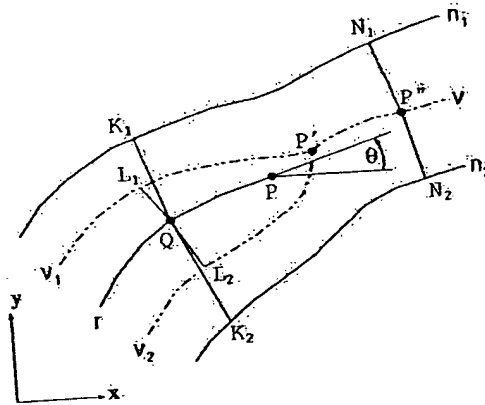
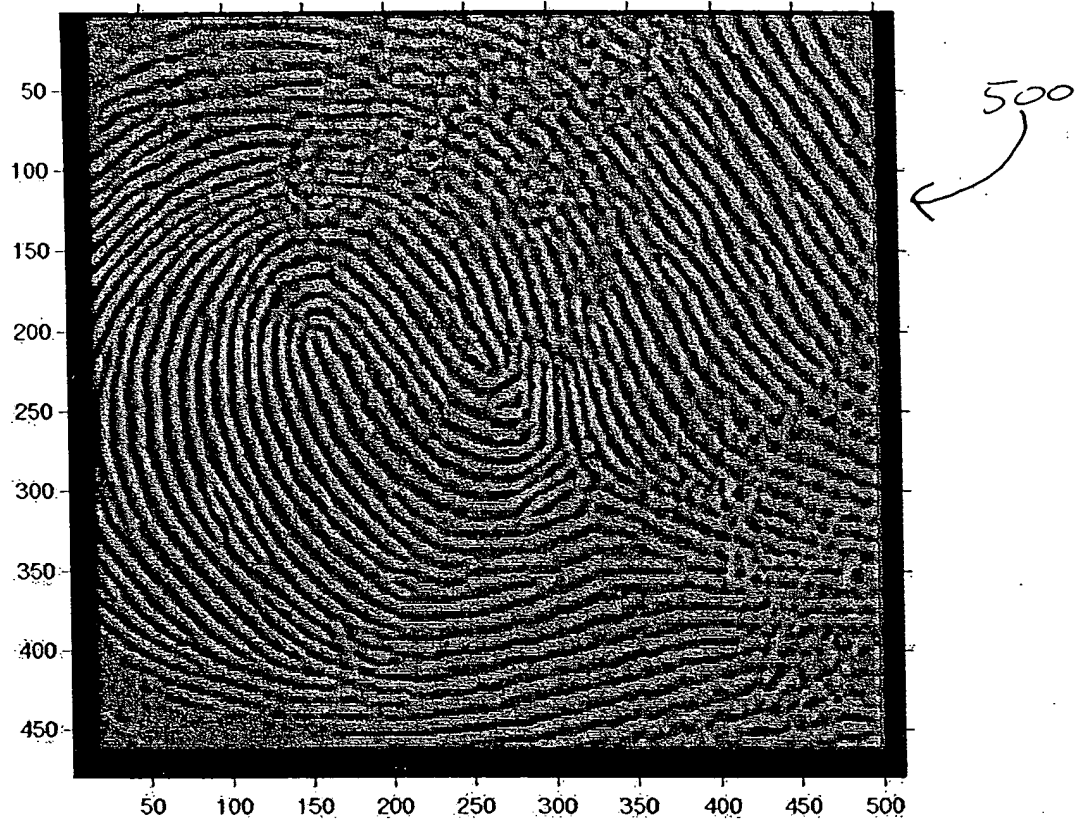
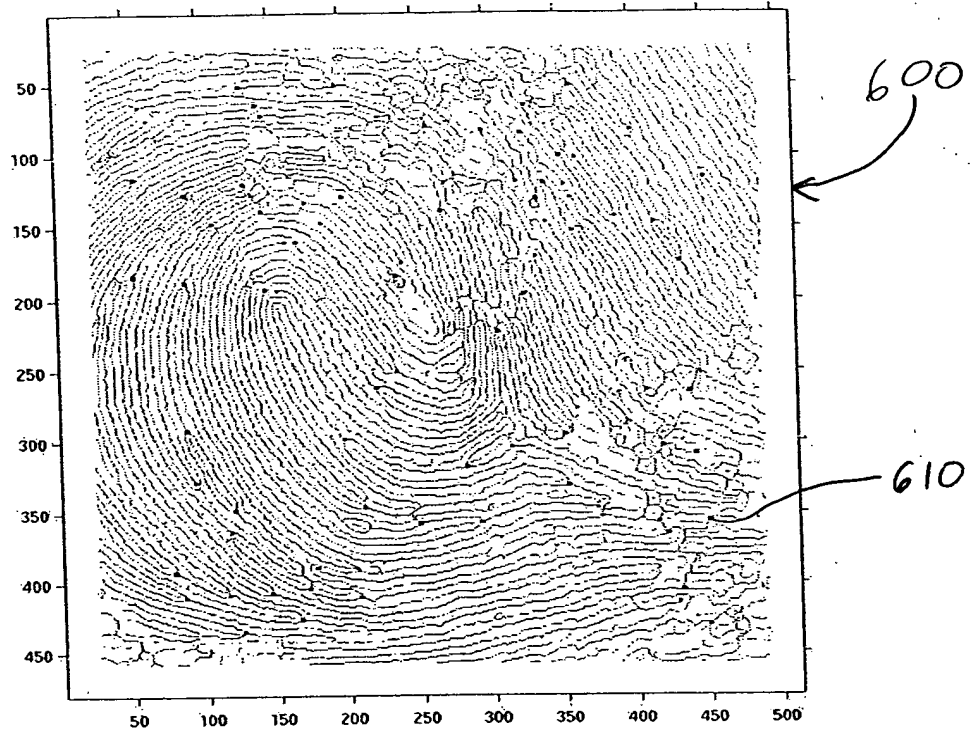


Figure 4



*Figure 5*

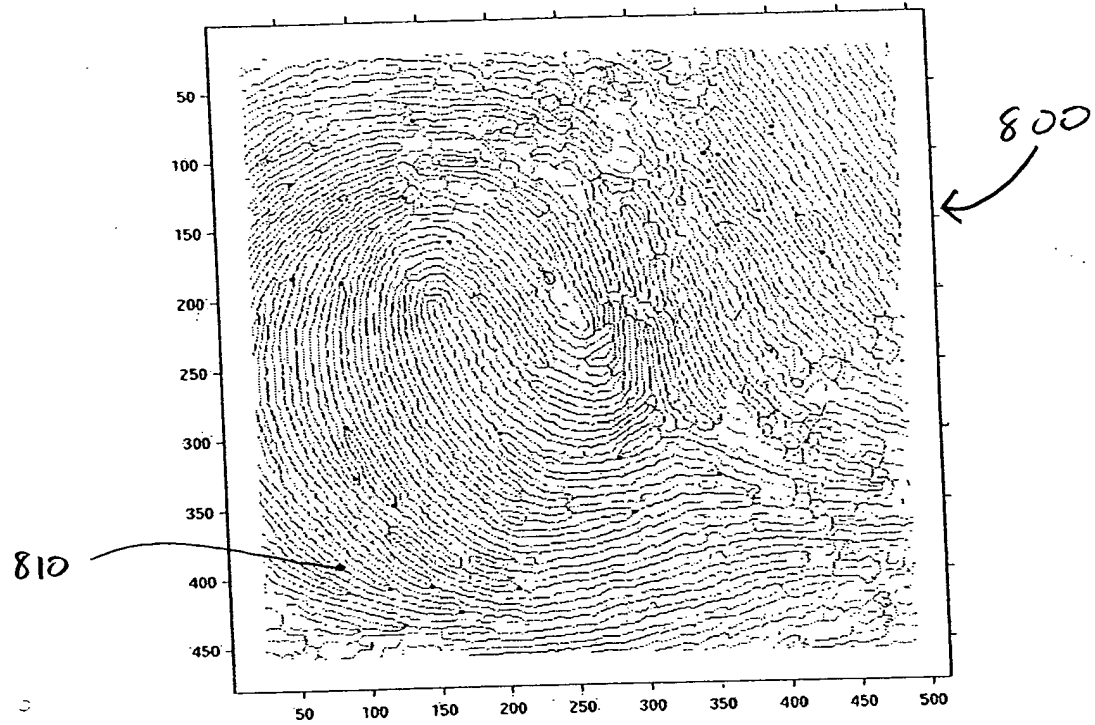


*Figure 6*

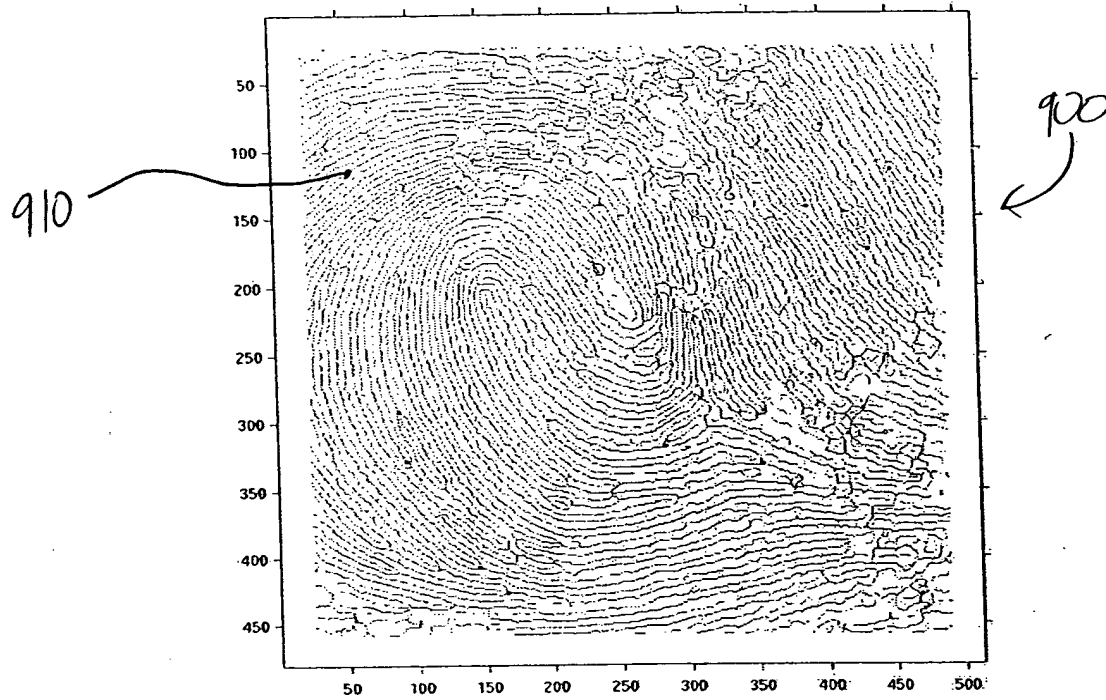
x	y	type	angle	score
146	108	BM	302	2
345	210	BM	251	4
352	375	BM	111	5
263	407	BM	31	5
130	333	BM	340	6
261	220	BM	50	8
362	116	BM	46	9
357	248	BM	286	10
264	437	BM	211	15
50	196	BM	266	19
250	234	BM	243	34
433	124	BM	253	37
100	350	BM	223	39
183	53	BM	334	43
409	84	BM	251	45
187	88	BM	328	45
391	77	BM	245	47
409	206	BM	250	52
347	119	BM	224	53
152	358	BM	37	53
356	291	BM	291	53
406	144	BM	251	59
146	415	BM	29	59
425	164	BM	270	62
297	197	BM	43	70
173	432	BM	217	92
290	87	BM	19	94
115	55	BM	300	95
407	114	BM	254	96
317	282	BM	105	97
330	352	BM	255	99
101	361	TM	219	52
142	388	TM	15	55
82	400	TM	40	55
327	92	TM	27	95
115	450	TM	215	99

*Figure 7*



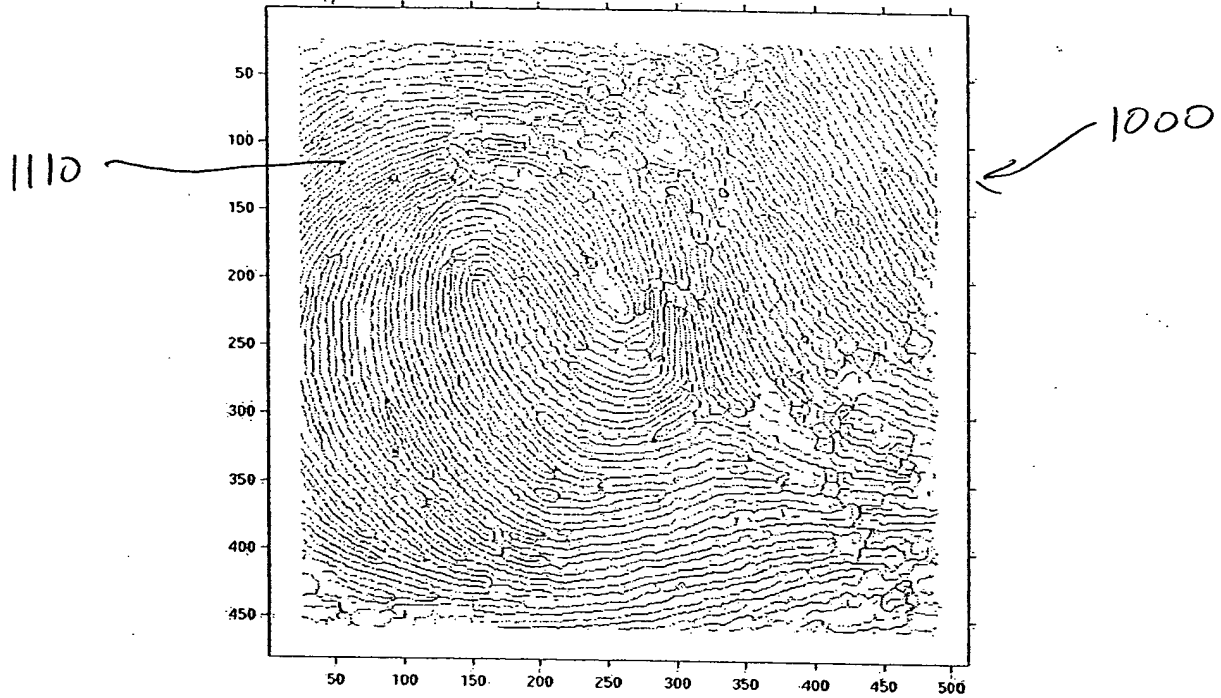


*Figure 8*



*Figure 9*

**BEST AVAILABLE COPY**



*Figure 10*

BEST AVAILABLE COPY

Number of Sample Sets, K	CPU time in $\mu$ sec.		% Savings
	<i>Standard Matching</i>	<i>PSPM</i>	
10	39,696,066	1,280,111	96.70
20	85,016,140	3,457,594	95.90
50	228,242,586	11,784,255	94.83
100	548,033,187	19,754,415	96.39
200	1075,977,761	39,225,959	96.35

*Figure 11*

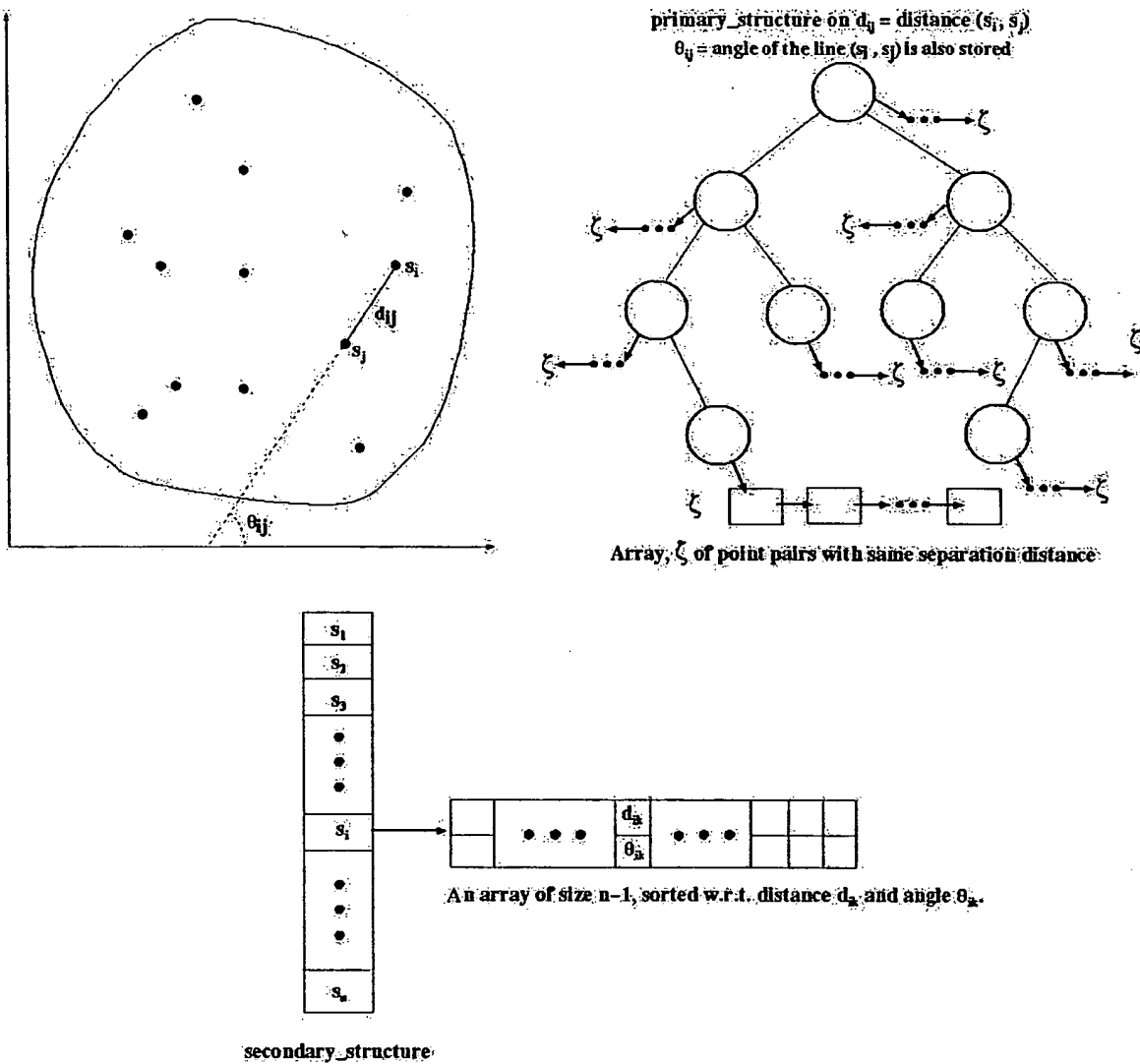


Figure 12